

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| - | 1231 | (166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:14 |
| - | 45 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:38 |
| - | 45 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:39 |
| - | 36 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:39 |
| - | 28 | ((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable)) and (vehicle truck) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:43 |
| - | 8 | ((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable)) not ((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable)) and (vehicle truck) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:44 |
| - | 17 | ((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) not (((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable)) and (vehicle truck)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:44 |
| - | 9 | ((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) not (((((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) and (pivot turn rotat\$4)) and (chain cable)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:44 |
| - | 2 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) not ((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) and (hydraulic cylinder)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:45 |
| - | 28 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (inject\$3 near3 tubing) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:45 |
| - | 3 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (inject\$3 near3 tubing)) and (telescop\$4 near3 (arm segment))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 12:35 |
| - | 25 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (inject\$3 near3 tubing)) not ((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (inject\$3 near3 tubing)) and (telescop\$4 near3 (arm segment))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/27 09:46 |

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| - | 14 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and (telescope\$4 near3 (arm segment)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2003/05/27 12:35 |
| - | 8 | ("3116793" "3841407" "4249600" "4553590" "4673035" "5439066" "5660235" "5765643").PN. | USPAT | 2003/05/27 12:36 |
| - | 17 | 5839514.URPN. | USPAT | 2003/05/27 12:36 |
| - | 10 | ("3658270" "4249600" "4553590" "4673035" "4945938" "5660235" "5765643" "5839514" "5937943" "6003598").PN. | USPAT | 2003/05/27 12:37 |
| - | 4 | 6273188.URPN. | USPAT | 2003/05/27 12:38 |
| - | 1333 | (166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:41 |
| - | 14 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and ((mast arm) near3 telescope\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:51 |
| - | 8 | ("3116793" "3841407" "4249600" "4553590" "4673035" "5439066" "5660235" "5765643").PN. | USPAT | 2004/01/29 12:16 |
| - | 18 | 5839514.URPN. | USPAT | 2004/01/29 12:17 |
| - | 10 | ("3658270" "4249600" "4553590" "4673035" "4945938" "5660235" "5765643" "5839514" "5937943" "6003598").PN. | USPAT | 2004/01/29 12:18 |
| - | 4 | 6273188.URPN. | USPAT | 2004/01/29 12:18 |
| - | 84 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:33 |
| - | 55 | ((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:39 |
| - | 38 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and boom | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:39 |
| - | 0 | (((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) not (((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:40 |
| - | 23 | ((((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and boom) not (((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and mast) and (arm segment)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 12:40 |
| - | 12 | ("3381940" "4050858" "4265304" "4416329" "4585061" "4684306" "4756366" "5040926" "5211203" "5348096" "5411085" "5454419").PN. | USPAT | 2004/01/29 13:19 |
| - | 0 | 5836385.URPN. | USPAT | 2004/01/29 13:20 |
| - | 13 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and ((mast arm) with (injector and (BOP (blowout near3 prevent\$2)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:21 |
| - | 303 | (166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS. | USOCR | 2004/01/29 13:49 |
| - | 33 | ((166/378,379,381,77.1,77.2,77.3,77.4,77.51,85.1,85.4,98).CCLS.) and (telescope telescopic telescoping) | USOCR | 2004/01/29 13:51 |

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| - | 4398 | ((166/\$.ccls.) (175/\$.ccls.)) and (mast arm) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:51 |
| - | 111 | (((166/\$.ccls.) (175/\$.ccls.)) and (mast arm)) and ((mast arm) near3 telescop\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:51 |
| - | 3 | ((((166/\$.ccls.) (175/\$.ccls.)) and (mast arm)) and ((mast arm) near3 telescop\$4)) and ((mast arm) near3 pivot\$4)) and (lift\$3 near3 (chain cable wire)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:52 |
| - | 63 | (((166/\$.ccls.) (175/\$.ccls.)) and (mast arm)) and ((mast arm) near3 telescop\$4)) and ((mast arm) near3 pivot\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/01/29 13:53 |